

Traffic & Pedestrian Risk Assessment PN 5376 Chemistry Building 001:					Assessed by: Colin Patterson					 HENRY BROTHERS	
Vehicle movement, loading and unloading operations					This is to be included within the traffic management strategy along with a company Ownership Form, written methodology and traffic management specific site layout. All documents must be regularly reviewed and updated by site management.						
10-01-22 Review Date 09-03-22											
Potential Risks	Who could be harmed	Risk Rating level (LxS = R)			Control Measures	Revised Risk Rating applied: (LxS = R)			Further Control Measures Required		
Collision with other vehicles on the existing roads / Upper Brook Street	Drivers and passengers of other vehicles including: - Hospital / Police vehicles on Blues & Twos - General Traffic movement	4	3	12	- Drivers must have a current licence for vehicles. - Speed limit restricted to 5mph - Mobile phones must only be used in conjunction with a fitted hands-free kit and in line with Company Policy. - Drivers are not permitted to give nonemployees lifts during working hours without permission from HB management [Relating to HB drivers and vehicles] Only authorised persons are permitted to use fleet vehicles. Driving under the influence of alcohol or drugs is prohibited. Drivers must comply with road traffic regulations - Safety signage to be put in place along Upper Brook Street & Brunswick Street - Implement quiet times to ensure critical operations of other road users can continue unhindered - Deliveries are to be booked in with the project manager or other member of the HB Team – This information can be passed onto the Client on weekly look ahead report.	2	3	6	- Monitor, enforce and review - Traffic management strategy to be communicated to workforce as part of induction - Communicate hazards in advance to suppliers		

Collision with other vehicles within the site boundary.	Drivers of work-related vehicles; plant users	3	3	9	- Speed limit restricted to 5mph - The road to be constructed as part of the enabling works will 3m wide to allow 2-way system. - A designated route through site and logistics plan should be drawn up and should be adhered to at all times. - Drivers requiring to drive through the site must receive site specific induction training. - A trained banksman must escort vehicles whilst in on site - Ground conditions to be checked and maintained - Suitable turning points should be established	2	3	6	- Monitor, enforce and review effectiveness of traffic management regularly - Traffic management strategy to be communicated to workforce as part of induction
Collision with pedestrians outside of the site boundary	University users and general public	4	4	16	- Deliveries and vehicle / plant movement shall enter the site under the guidance of the gate man. Drivers shall call the mobile number which has been issued at pre start 30 mins prior to attending site and displayed on the sign and the gateman shall meet the driver to escort him onto site ensuring the route is safe notifying pedestrians to avoid a safe distance from the vehicles. - Speed limit restricted to 5mph - Limit delivery times to quieter hours - Safety signage to be put in place along the access road to warn pedestrians about construction traffic. - Reversing to be avoided where possible. Where reversing is necessary, drivers should seek help.	2	4	8	- Involve representatives of University and Client during review of traffic management to ensure any issues relating to traffic management are accounted for - Communicate hazards in advance to suppliers - Encourage reporting of near misses
Collision with pedestrians within the site boundary	Henry Brothers site staff/visitors/other contractors; Client representatives	3	4	12	- Vehicles always banked whilst moving or loading/unloading on site. - All persons on site including visitors wear PPE including hi visibility attire - Speed limit restricted to 5mph	2	4	8	- Toolbox talks to reinforce controls - Encourage reporting of near misses

					- Reversing to be avoided where possible. Where reversing is necessary, drivers should seek help. - Walkways to be created using pedestrian barriers where possible to help segregate pedestrians from vehicles				
Collision with trees including vehicles struck with branches in high winds	Henry Brothers site staff/visitors/other contractors; vehicle driver/passengers	3	3	9	- Surveys have been carried out - Site fencing to be placed to provide safe distance from remaining trees	1	3	3	Condition of remaining trees to be monitored
Loss of control of vehicle/plant	Henry Brothers site staff/visitors/other contractors	3	4	12	- Speed limit restricted to 5mph - Operators/drivers must remove keys when vehicle is not in use - Site managers should ensure the competency and suitability of operators and the equipment through checking method statements, lifting plans, licences and vehicle / accessories testing certificates. - Plant and vehicles must be maintained and serviced regularly - Documented pre-use checks to be carried out daily	1	4	4	- Monitor, enforce and review - Encourage reporting of near misses
Loss of load	Henry Brothers site staff/visitors/other contractors	2	3	6	- No stopping allowed along Upper Brook Street / Brunswick Street - Safe loading / unloading areas are to be implemented with barriers in use / segregation areas away from the public. - Ensure the vehicle is in a safe area before attempting to load / unload. - Ensure all loads are adequately secured on / within the vehicle and the weight distributed evenly. - Where used, ensure pallets are in good order. - Take care not to overload vehicles	1	3	3	- Monitor, enforce and review - Encourage reporting of near misses - Communicate hazards including restrictions in advance to suppliers

Cuts and abrasions	Henry Brothers site staff; Subcontractors; Visitors; Maintenance staff; Trespassers; Client representatives	2	3	6	• First aiders present on site • During all operations employees are to ensure that the appropriate PPE is worn including long sleeved/leg attire and gloves • A suitable first aid kit to be available on site with emergency first aid trained personnel present during working hours • First aid procedures communicated via induction • Materials to be mechanically moved where possible • Loads should be visually inspected before being manually lifted to identify any sharp edges or points • Loads should be cordoned off once placed on the ground to prevent passing contact with any sharp edges or points	1	2	2	• Reinforce the importance of accident reporting during induction
Crushing of limbs	Henry Brothers site staff; Subcontractors; Visitors; Maintenance staff; Trespassers; Client representatives	2	4	8	• Vehicles always banked whilst moving or loading/unloading on site • Safe loading / unloading areas are to be implemented with barriers in use / segregation areas away from the public. • Ensure the vehicle is in a safe area before attempting to load / unload.	1	4	4	• Encourage reporting of near misses • Communicate hazards including restrictions in advance to suppliers

Risk Definitions

Likelihood that harm will result (L)		Rating	Severity of harm that would result (S)		Rating
Highly likely	Almost certain harm will result	4	Catastrophic	Fatal outcome to one or more persons	4
Likely	Harm will probably result	3	Major	Major injury / RIDDOR reportable ill health	3
Unlikely	Harm may result	2	Minor	Injury / ill-health causing lost time	2
Highly unlikely	A remote chance that harm will result	1	Negligible	Trivial injury / ill health (minor 1st Aid only)	1

Summary

High risk areas:

- Upper Brook Street access route where there's a high presence of emergency vehicles, Busy traffic route, University staff and visitors and other pedestrians.

Medium risk areas:

- Areas on site where pedestrians and vehicles/plant are in close proximity
- Loading/unloading areas
- Areas where trees remain